

WHAT IS CLAIMED IS:

1. An inkjet recording apparatus for performing recording by ejecting ink on to a recording medium using
5 a plurality of recording heads which apply heat to the ink with heating means to generate bubbles in the ink and to eject the ink with the pressure of the bubbles, the apparatus comprising:

10 recording mode setting means for setting a head that is to be used for recording and a head that is not to be used among the plurality of recording heads; and

15 control means for heating the recording head that is set to be not used for recording by the recording mode setting means to adjust the temperature of the recording head to be used for recording utilizing heat conduction.

2. An inkjet recording apparatus according to claim 1, wherein the control means causes the heating means for the recording head that is not to be used for recording
20 to generate heat such that the ink is not ejected from the recording head.

3. An inkjet recording apparatus according to claim 1, wherein the control means causes heating of the
25 recording head that is not to be used for recording while the recording head to be used for recording performs recording.

4. An inkjet recording apparatus according to claim
1, wherein the plurality of recording heads comprise
substrates formed with a plurality of recording elements
5 for ejecting the ink arranged on the same plate.

5. An inkjet recording apparatus for performing
recording by ejecting ink on to a recording medium using
a plurality of recording heads which apply heat to the
10 ink with heating means to generate bubbles in the ink
and to eject the ink with the pressure of the bubbles,
the apparatus comprising:

discrimination means for discriminating between a
recording head that is to be used and a recording head
15 that is not to be used for the next recording to be
performed; and

control means for heating the recording head
discriminated to be not used by the discrimination means
before the recording head discriminated to be used for
20 recording starts a recording operation to adjust the
temperature of the recording head utilizing heat
conduction.

6. An inkjet recording apparatus according to claim
25 5, wherein a heater for heating provided independently
of the heating means is used as the control means.